

ENTOMOLOGICAL NOTES. I have captured twelve specimens of *Habrosyne scripta* Gosse, this season, by sugar. I have never seen it here before. I have recently captured sixty-six specimens of *Hyperchiria Io* ♂, attracted by two females; a perfect specimen of *Darapsa versicolor*, June 25, and *Catocala Briseis*, July 15, both at sugar.

I have raised the larva of *Ablepharon Henrici*. It eats grass; is a hairy caterpillar, resembling *Acronycta obliquata*; spins a moderately tough cocoon very like that of *A. obliquata* in shape and texture.

I have raised *Plusia aeroides*. It feeds on Meadow-sweet (*Spiraea salicifolia*); is a curious hunched larva, light pea-green, marked with greenish-white; walks like a Geometrid; turns milky white before spinning a light white cocoon. The pupa is light green, with large black patches on the back. Spun June 26; imago July 6. Roland Thaxter, Newtonville, Mass.

BIBLIOGRAPHICAL RECORD.

Authors and Societies are requested to forward their works to the Editor at the earliest date possible. We ask our readers to inform us of the publication especially of those works which are not generally consulted by entomologists.

B. Pickman Mann.

(Continued from page 183.)

* 560. **Alfred E. Beach.** The Science Record for 1874. A Compendium of Scientific Progress and Discovery during the past year. With Illustrations. New York, Munn, 1874. 8vo. pg. 598, fig.

a. The Bark-Louse [discovery of the male of *Mytilaspis conchiformis* (by C. V. Riley)], p. 356. b. Remedy for the Cotton-worm [ravages of *Aletia argillacea*; means against it], p. 370-371. c. The Cocuyo [luminosity of *Pyrophorus noctilucus*], p. 484-485. d. The Honey-making Ant [reprint of the article cited in Rec., No. 541], p. 486-489. e. Sting of the Queen-Bee [said to be incapable of penetrating human skin, but to cause death when plunged into the spiracles of another bee], p. 489. f. The Musk Beetle [beauty and habits of *Cerambyx moschatus* (from Hardwicke's Science Gossip)], p. 489-490. g. Venomous Spiders in New-Zealand [habits and transformations of the "katipo"], p. 491-492. h. Coloring of Cocoons [red, green, yellow or violet cocoons obtained by various feeding of silk-worms], p. 492. i. The Phasmid, or Walking-Stick [habits and appearance of a New Zealand Phasmid], p. 492-493.

* 561. **A. E. Beach.** The Science Record for 1875. A Compendium [etc., see Rec., No. 560]. 1875. 8vo. pg. 597, fig.

a. Sections of Insects' Eyes [reprint, see Rec. No. 294], p. 178-179. b. Importation of Phylloxera into France, p. 348. c. The Colorado Potato-bug [migrations and habits of, and means against *Doryphora 10-lineata*];

description and figures of it and of *D. juncta*], p. 356-359, fig. *d*. The Western Grasshopper Plague [abundance of locusts in Kansas], p. 359. *e*. The Army-worm [extract; see Rec., No. 287], p. 361. *f*. Animal Life in Caves [see Rec., No. 143 *a*], p. 454-455. *g*. Habits of the Grasshopper [see Rec., No. 237 *z*], p. 456-457. *h*. The Uses of Bees' Wings [reprint; see Rec., No. 141], p. 457. *i*. A Curious Caterpillar and its Destroyer [habits of *Bombyx processionea*; of its enemy *Calosoma Sycophanta*], p. 458-459, fig.

* 562. **Capt. William A. Jones' Report upon the Reconnaissance of Northwestern Wyoming**, including Yellowstone National Park, made in the summer of 1873. — With Appendix. — Washington [War Department], 1875, contains the following, and No. 563.

Insect pests near Yellowstone Lake, p. 27; locusts in the Green River Basin, p. 49.

* 563. **J. D. PUTNAM. Entomological Report.** p. 315-318.

List of 90 determined Coleoptera collected on the route in June-August, 1873, with localities and months of capture; of 19 Shoshone or Snake Indian names for designated insects; of 9 corresponding names for colors.

* 564. The **Bulletin of the United States Geological and Geographical Survey of the Territories**, No. 1, contains the following.

a. List of Members and Collaborators of the Survey for 1873 [entomologists *et al.*], p. 3-4. *b*. List of the Publications of the Geol. Surv. Terr. [several contain entomological articles], p. 5-6.

The **Bull. U. S. Geol. and Geog. Surv. Terr.**, No. 2, contains No. 565.

* 565. **CYRUS THOMAS. Descriptions of some new Orthoptera, and Notes on some Species but little known.** p. 63-71.

Describes *Minorissa alata*, *Gomphocerus carpenterii*, *Thrinxus californicus*, *Ommatolampis brevipennis*, *Caloptenus* ["*Caleoptenus*"] *flavolineatus*, *C. floridianus*, *C. keeleri*, *Machaerocera sunichrasti* = 8 n. spp., from N. and S. ? A.; re-describes *Opomala mexicana*, *Pyrgomorpha brevicornis*, *Gomphocerus simplex*, *Xiphocera pygmaea*, with notes.

The **Bull. U. S. Geol. and Geogr. Surv. Terr.**, ser. 2, Nos. 1-6 [forming, with ser. 1, Nos. 1 and 2, vol. i], contains Nos. 566 to 569.

* 566. **ERNEST INGERSOLL. Report on the Natural History of the United States Geological and Geographical Survey of the Territories, 1874.** p. 121-124.

Finding of insects, spiders, and other animals in Colorado.

* 567. S. H. SCUDDER. The Tertiary Physopoda of Colorado. p. 221-223.—Also separate. 8vo. pg. 3.

Describes *Melanothrips extincta*, *Lithadotrips*, *L. vetusta* = 1 n. gen., 2 n. spp.; re-describes *Palaeothrips*, *P. fossilis*.

* 568. P. R. UHLER. List of Hemiptera of the Region West of the Mississippi River, including those collected during the Hayden Explorations of 1873. p. 267-361, pl. 19-21.—Also separate. 8vo. pg. 95, with three plates (19-21), containing 44 figures.

Enumerates 427 (43 new) spp. of 232 (8 new) genera of 28 families. Describes *Corimelaena ciliata*, *C. cyanea*, *C. anthracina*, *Homaemus consors*, *Aulacostethus simulans*, *Zophoëssa consocia*, *Microporus testudinatus*, *Trichocoris* (n. g. Cydnidae), *T. conformis*, *Amnestus pusillus*, *Macroporus* (n. g. Cydnidae), *M. repetitus*, *Melanaethus* (n. g. Cydnidae), *M. elongatus*, *Chlorochroa congrua*, *Mozena obtusa*, *Phygadicus Behrensii*, *Helonotus* (n. g. Lygaeidae), *H. abbreviatus*, *Miris instabilis*, *Orectoderus* (n. g. Phytocoridae), *O. obliquus*, *Aradus ampliatus*, *A. debilis*, *A. inornatus*, *Brachyrhynchus simplex*, *Apiomerus repletus*, *Pelogonus americanus*, *Corixa sutilis*; *Cicada hesperia*, *Publilia modesta*, *Aphrophora permutata*, *Philaenus abjectus*, *Lepyronia angulifera*, *Clastoptera delicata*, *Scolops hesperius*, *S. grossus*, *S. angustatus*, *Liburnia vittatifrons*, *Issus aureus*, *I. aciculatus*, *Ty'ana ustulata*, *T. ustulipunctata*, *Dietyoniissus* (n. g. Fulgoridae), *D. griphus*, *Aphelonema* (n. g. Fulgoridae), *A. simplex*, *Cochlorhinus* (n. g. Tettigonidae), *C. pluto*, *Bythoscopus siccifolius*, *Jassus laetus*, *Deltocephalus debilis* = 8 n. gen., 43 n. spp.; re-describes *Corimelaena*? *albipennis*, *Phimodera torpida*, *Microporus*, *Corixa Escheri*.

* 569. S. H. SCUDDER. Fossil Orthoptera from the Rocky Mountain Tertiaries. p. 447-449.

Describes *Homoeogania ventriosus*, *Labidura tertiaria* = 2 n. spp.; remarks upon related fossils.

The **Bull. U. S. Geol. and Geogr. Surv. Terr.**, vol. ii, as far as p. 278, contains Nos. 570 to 573.

* 570. S. H. SCUDDER. Fossil Coleoptera from the Rocky Mountain Tertiaries. p. 77-87.

Describes *Bembidium exoletum*, *Phillydrus primaevus*, *Staphylinites* (n. g.) *obsoletum*, *Gyrophæna saxicula*, *Leistotrophus patriarchicus*, *Lathrobium abscissum*, *Oxytelus pristinus*, *Antherophagus priscus*, *Phenolia incapax*, *Chrysobothris Haydeni*, *Epiphaniis deletus*, *Corymbites velatus*, *Oxygonus mortuus*, *Chauliognathus pristinus*, *Sitodrepa defuncta*, *Spermophagus vicificatus*, *Bruchus anilis*, *Oryctoscirtetes* (n. g. Chrysomelidae) *O. protogaenum*, *Trypodendron impressus*, *Sitones grandaevus*, *Otiorhynchus perditus*, *Entimus primordialis*, *Eudiagogus saxatilis*, *E. examinis*, *E. effusus*, *Hyllobius provectus*, *An-*

thonomus defossus, *Cryptorhynchus annosus*, *Eurhinus occultus*, *Brachytarsus pristinus* = 2 n. gen., 30 n. spp.; mentions *Laccophilus* sp.

* 571. S. H. SCUDDER. Brief Synopsis of North American Earwigs, with an Appendix on the Fossil Species. p. 249-260.

Includes all the (38) species known to the author from N. A. and the West Indies. [For a condensed synopsis of the 13 certainly U. S. species, see PSYCHE, vol. i, p. 177-178.] Note on *Labidura tertiaria* [see Rec., No. 569]; describes *L. lithophila* n. sp.

* 572. S. H. SCUDDER. List of the Orthoptera collected by Dr. A. S. Packard in Colorado and the neighboring Territories, during the Summer of 1875. p. 261-267.

Enumerates 29 species, with dates and localities; describes *Stenopelmatus oculatus*, *Hesperotettix*, *Chrysochraon deorum*, *Scyllina delicatula*, *Arphia arcta*, *Mestobregma*, *Circotettix*, *Trimerotropis citrina*, *T. suffusa*, *Aulocara*, *A. caeruleipes*, *A. decens* = 4 n. gen. (Acrydii), 8 n. spp.

* 573. S. H. SCUDDER. Notice of a small Collection of Butterflies, made by Dr. A. S. Packard, in Colorado and Utah, in 1875. p. 269-270.

Enumerates 33 species, with dates and localities.

* 574. The **Proc. Amer. Assoc. Advanc. Sci.** [see Rec., Nos. 66-70], vol. xxiii, contains the following, and (in part ii) Nos. 575 to 579.

a. Report of the Committee on Mrs. Thompson's Donation [accepting Mr. Scudder's Memoir on Fossil Butterflies (see Rec., No. 591)], part i, p. 48. b. Notice of meetings and publication of Constitution of The Entomological Club of the A. A. S., part ii, p. 153.

* 575. A. R. GROTE. On the Cotton Worm of the Southern States (*Aletia argillacea* Hübner). p. 13-18.

Praise of Mr. Glover's officially unappreciated works; retrospect of previous publications upon the moth; seasons, habits, habitat, migrations and synonymy of the species.

* 576. C. V. RILEY. On the Insects more particularly associated with *Sarracenia variolaris* (Spotted Trumpet-leaf). p. 18-25, with two figures.

[Same as a portion of the article cited in Rec., No. 143 c.]

* 577. J. L. LECONTE. An Instance of Replacement of Injurious Insects by Human Agency. p. 44.

[See Rec., No. 134 a.] Remedies recommended.

* 578. C. V. RILEY. On the Summer Dormancy of the

Larva of *Phyciodes Nycteis* (Doubleday), with Remarks on the Natural History of the species. p. 108-112.

Recapitulation of Mr. Scudder's curious history of a butterfly [see Rec., No. 190]; notes on similar habits of *Ph. Nycteis* and cases of retarded development in other Lepidoptera; description of larva and pupa of *Ph. Nycteis*.

* 579. J. H. MELLICHAMP. Notes on *Sarracenia variolaris*. p. 113-133.

Botanical peculiarities and insect-catching adaptations and habits of this plant; list of its victims; purpose and effect upon insects of the different secretions of the plant; habits of *Xanthoptera semicrocea* and *Sarcophaga sarraceniae*; cross-fertilization effected by *Euryomia melancholica*.

The **Proc. Amer. Assoc. Advanc. Sci.**, vol. xxiv, contains (in part i) No. 580 and (in part ii) Nos. 581 to 589.

* 580. J. L. LECONTE. Address of the Retiring President of the Association, p. 1-18.

[Same as the Address cited in Rec., No. 304.]

* 581. J. W. DAWSON. Address of [the Vice President of the A. A. A. S.]. p. 3-26.

[Same as the Address cited in Rec., No. 306.]

* 582. S. H. SCUDDER. New and Interesting Insects from the Carboniferous of Cape Breton. p. 110-111, fig. 1-2.

Describes and figures the fossil larva of an Odonat (possibly *Haplophlebium Barnesii*) as *Libellula carbonaria* n. sp.; and a fragment of a wing of a cockroach as *Blattina sepulta* n. sp.

* 583. J. L. LECONTE. On the Method of Subduing Insects Injurious to Agriculture. p. 202-207.

[Same as the article cited in Rec., No. 508.] Known methods have not been practised sufficiently; new methods should be investigated properly; information thus procured should be made known widely and action founded upon it urged effectively; this can be done only by legislative enactment under the direction of a scientific commission. Materials to be used; time to be chosen for attack; weapons to be employed.

* 584. C. V. RILEY. Locusts as Food for Man. p. 208-214.

Accounts of the use of locusts as food in different ages and countries; how they are cooked; what kinds are eaten.